

# REQUEST FOR ACCESS OF ABANDONED APPLICATION UNDER 37 CFR 1.14(a)

In re Application of

*Edwards*

Application Number

*09/591 307*

Filed

*6-9-00*

Group Art Unit

Examiner

Paper No. \_\_\_\_\_

Assistant Commissioner for Patents  
Washington, DC 20231

I hereby request access under 37 CFR 1.14(a)(3)(iv) to the application file record of the above-identified ABANDONED application, which is: (CHECK ONE)

\_\_\_ (A) referred to in United States Patent Number *WO 01/95874*, column \_\_\_\_\_,

\_\_\_ (B) referred to in an application that is open to public inspection as set forth in 37 CFR 1.11, i.e., Application No. \_\_\_\_\_, filed \_\_\_\_\_, on page \_\_\_\_\_ of paper number \_\_\_\_\_,

\_\_\_ (C) an application that claims the benefit of the filing date of an application that is open to public inspection, i.e., Application No. \_\_\_\_\_, filed \_\_\_\_\_, or

\_\_\_ (D) an application in which the applicant has filed an authorization to lay open the complete application to the public.

Please direct any correspondence concerning this request to the following address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*Cantwell & Paxton*

Signature

*1-25-02*

Date

\_\_\_\_\_  
Typed or printed name

FOR PTO USE ONLY

Approved by: \_\_\_\_\_

(Initials)

Unit: \_\_\_\_\_

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

02 JAN 25 PM 12:39

RECEIVED  
PTO OFFICE 1600/2900

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
20 December 2001 (20.12.2001)

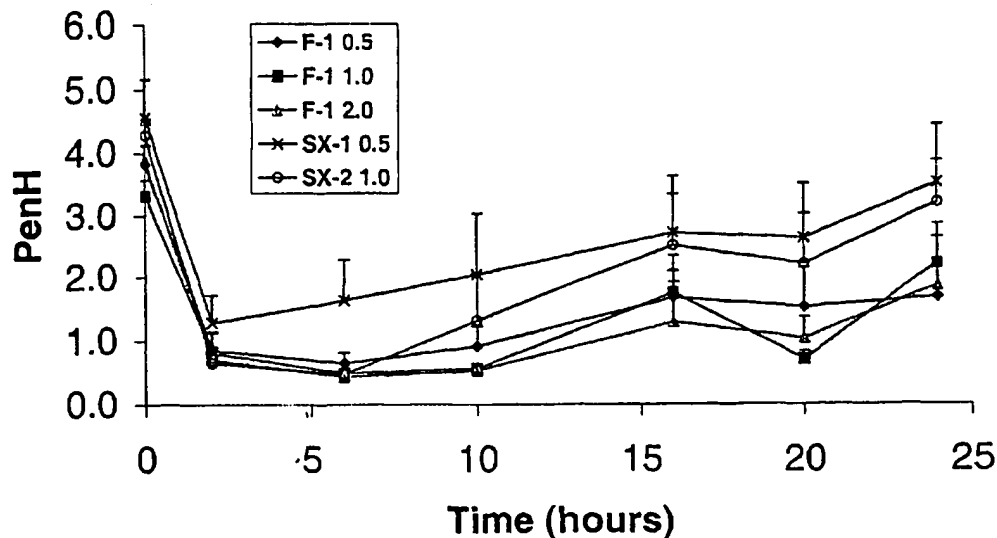
PCT

(10) International Publication Number  
WO 01/95874 A2

- (51) International Patent Classification<sup>7</sup>: A61K 9/00 (72) Inventors; and  
(75) Inventors/Applicants (for US only): EDWARDS, David, A. [US/US]; 171 Commonwealth Avenue, Unit 3, Boston, MA 02116 (US). BATYCKY, Richard, P. [CA/US]; 1932 Washington Street, Auburndale, MA 02466 (US). JOHNSTON, Lloyd [CA/US]; 77 Grove Street, Belmont, MA 02478 (US).
- (21) International Application Number: PCT/US01/18491
- (22) International Filing Date: 8 June 2001 (08.06.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
09/591,307 9 June 2000 (09.06.2000) US (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (63) Related by continuation (CON) or continuation-in-part (CIP) to earlier application:  
US 09/591,307 (CIP)  
Filed on 9 June 2000 (09.06.2000)
- (71) Applicant (for all designated States except US): ADVANCED INHALATION RESEARCH, INC. [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US). (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian

[Continued on next page]

(54) Title: HIGHLY EFFICIENT DELIVERY OF A LARGE THERAPEUTIC MASS AEROSOL



(57) Abstract: A method for delivering an agent to the pulmonary system, in a single, breath-activated step or a single breath, comprises administering from a receptacle enclosing a mass of particles, to a subject's respiratory tract, particles which have a tap density of less than 0.4 g/cm<sup>3</sup> and deliver at least about 50 % of the mass of particles. The particles are capable of carrying agents. The agent is: 1) part of the spray-drying pre-mixture and thereby incorporated into the particles; 2) added to separately-prepared particles so that the agent is in chemical association with the particles; or 3) blended so that the agent is mixed with, and co-delivered with the particles. Respirable compositions comprising carrier particles having a tap density of less than 0.4 g/cm<sup>3</sup> and a composition comprising an agent are also disclosed. Methods of delivering these respirable compositions are also included.

WO 01/95874 A2